

ABSTRACT OF THE DISCLOSURE

Apparatus for delivering stents to body lumens include one or more tubular prostheses carried at the distal end of a catheter shaft, a sheath slidably disposed over the prostheses, and a guidewire tube extending from within the sheath to the exterior of the sheath through an exit port in a sidewall thereof. A guidewire extends slidably through the guidewire tube. The sheath can be moved relative to the catheter shaft and the guidewire tube to expose the prostheses for deployment. Methods of delivering stents are also provided.